

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055340.D
 Acq On : 15 Sep 2023 15:06
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV060

Quant Time: Sep 16 00:35:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	244558	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	241462	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	130227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67014	4.768	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.907	69	86881	5.476	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.600%	
11) 1,1-Dichloroethene-d2	2.550	65	24946	4.906	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.200%	
20) 2-Butanone-d5	4.637	46	207948	53.498	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.000%	
24) Chloroform-d	5.058	84	160163	5.102	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.698	65	80221	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.721	84	282471	5.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.600%	
36) 1,2-Dichloropropane-d6	6.685	67	94699	5.491	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.800%	
41) Toluene-d8	7.894	98	238922	5.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
43) trans-1,3-Dichloroprop...	8.177	79	34302	5.605	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	112.200%	
46) 2-Hexanone-d5	8.647	63	145448	65.326	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.660%#	
56) 1,1,2,2-Tetrachloroeth...	10.759	84	80799	5.387	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	91673	5.466	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	104569	4.481	ug/L	100
3) Chloromethane	1.518	50	102140	4.548	ug/L	95
5) Vinyl chloride	1.602	62	108349	4.468	ug/L	97
6) Bromomethane	1.856	94	81962	4.431	ug/L	98
8) Chloroethane	1.927	64	105504	5.409	ug/L	96
9) Trichlorofluoromethane	2.120	101	236641	6.099	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	87033	4.498	ug/L	98
12) 1,1-Dichloroethene	2.563	96	82965	4.825	ug/L	98
13) Acetone	2.644	43	115179	45.949	ug/L	99
14) Carbon disulfide	2.779	76	252865	4.651	ug/L	100
15) Methyl Acetate	2.952	43	28404	4.800	ug/L	92
16) Methylene chloride	3.033	84	101653	3.968	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	208121	5.049	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	92345	4.884	ug/L	96
19) 1,1-Dichloroethane	3.859	63	177860	4.836	ug/L	99
21) 2-Butanone	4.714	43	198074	47.730	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	106583	4.814	ug/L	98
23) Bromochloromethane	4.968	128	43107	4.790	ug/L	91
25) Chloroform	5.081	83	182549	4.584	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	113412	4.594	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	159334	5.193	ug/L	98
30) Cyclohexane	5.380	56	151942	5.245	ug/L	97
31) Carbon tetrachloride	5.518	117	134092	5.138	ug/L	98
33) Benzene	5.769	78	404705	5.064	ug/L	100
34) Trichloroethene	6.537	95	114989	5.055	ug/L	95
35) Methylcyclohexane	6.759	83	171729	5.194	ug/L	99
37) 1,2-Dichloropropane	6.788	63	103708	4.941	ug/L	99
38) Bromodichloromethane	7.103	83	120305	4.804	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	147288	5.164	ug/L	99
40) 4-Methyl-2-pentanone	7.795	43	527388	52.955	ug/L	98
42) Toluene	7.968	91	446794	5.101	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	116230	5.197	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	73903	5.080	ug/L	98
47) Tetrachloroethene	8.550	164	80990	5.195	ug/L	95
48) 2-Hexanone	8.698	43	432423	57.611	ug/L	98
49) Dibromochloromethane	8.807	129	75407	5.066	ug/L	99
50) 1,2-Dibromoethane	8.923	107	69343	5.111	ug/L #	100
51) Chlorobenzene	9.447	112	282491	5.000	ug/L	98
52) Ethylbenzene	9.569	91	489516	5.090	ug/L	98
53) m,p-Xylene	9.695	106	188299	5.176	ug/L	99
54) o-Xylene	10.100	106	183994	5.331	ug/L	95
55) Styrene	10.116	104	311485	5.404	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.785	83	80291	5.018	ug/L	97
59) Bromoform	10.293	173	37952	5.006	ug/L	98
60) Isopropylbenzene	10.483	105	494565	5.201	ug/L	100
61) 1,2,3-Trichloropropane	10.827	75	63167	5.009	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	385391	5.273	ug/L	100
63) 1,2,4-Trimethylbenzene	11.470	105	401227	5.407	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	220849	5.041	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	219515	5.128	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	201151	5.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	10424	4.834	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.219	180	153919	5.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	122665	5.356	ug/L	99
71) Naphthalene	14.087	128	216007	6.559	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	108771	5.486	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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